

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 1601 Twitchell

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Left	2.43	04/08/2015 04/08/2015	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD1601_01_s _ 2013_6				
Action/Comments					
Inspector Comments: LMA has a copy of the O & M Manuals on file at the office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD1601_01_s _ 2013_7				
Action/Comments					
Inspector Comments: LMA has adequate floodfight supplies on hand.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD1601_01_s _ 2013_8				
Action/Comments					
Inspector Comments: LMA staff involved in the yearly Twitchell Island exercise.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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LM Start	0.00	Rating **	M	Issue No.	12
LM End	2.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.122241 °	38.087594 °
				-121.682522 °	-121.683888 °
DWR ID	DWR_RD1601_01_s _ 2015_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	11
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.122240 °	38.087594 °
				-121.682523 °	-121.683888 °
DWR ID	DWR_RD1601_01_s _ 2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	13
LM End	1.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.122235 °	38.107186 °
				-121.682553 °	-121.683213 °
DWR ID	DWR_RD1601_01_s _ 2015_13				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: Rutting and holes on levee crown.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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LM Start	0.99	Rating **	M	Issue No.	14
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.108265 °	38.108115 °
				-121.682747 °	-121.682804 °
DWR ID	DWR_RD1601_01_s _ 2015_14				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving was observed on waterward shoulder and slope.					

Photo 1 of 2 : SP_2015_RD1601_237_14_20150409_00004.jpg



Looking southeast at slope depression/caving at waterward shoulder and slope.

LM Start	0.99	Rating **	M	Issue No.	14 (cont)
LM End	1.00	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD1601_237_14_20150409_00003.jpg



Looking south at slope depression/caving at waterward shoulder and slope.

LM Start	1.27	Rating **	M	Issue No.	15
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.104340 °	38.104114 °
				-121.683890 °	-121.683933 °
DWR ID	DWR_RD1601_01_s _ 2015_15				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving observed on waterward shoulder and slope.					

Photo 1 of 2 : SP_2015_RD1601_237_15_20150409_00005.jpg



Looking south at depression/caving on waterward shoulder and slope.

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LM Start	1.27	Rating **	M	Issue No.	15 (cont)
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.104340 °	38.104114 °
				-121.683890 °	-121.683933 °
DWR ID	DWR_RD1601_01_s _ 2015_15				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving observed on waterward shoulder and slope.					

Photo 2 of 2 : SP_2015_RD1601_237_15_20150409_00006.jpg



Looking north at depression/caving on waterward shoulder and slope.

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